

Attorney Docket No. P11870 (64645-1043)

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Applicant: Mohamed Madkour      §      Group Art Unit: 2631  
Serial No: 09/885,804      §      Examiner: Ghayour Mohammad H  
Filed: June 20, 2001      §

For: **SYSTEM, METHOD AND APPARATUS FOR WIRELESS CHANNEL PARAMETER  
ESTIMATION IN SPREAD SPECTRUM COMMUNICATION SYSTEMS**

**Via Facsimile - 703-872-9314**

Commissioner for Patents  
P. O. Box 1450  
Alexandria, VA 22313-1450

**CERTIFICATE OF MAILING OR TRANSMISSION**

I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage for first class mail in an envelope addressed to the U.S. Patent and Trademark Office, P. O. Box 1450, Alexandria, VA 22313-1450, or being facsimile transmitted to the USPTO on the date indicated below.

Date: September 10, 2003

*Pamela S. Newton*

Pamela S. Newton

Dear Sir:

**TRANSMITTAL OF ASSOCIATE POWER OF ATTORNEY**

Please file the enclosed Associate Power of Attorney for the above-referenced application as authorized by the following documents:

1. Associate Power of Attorney given to the *practitioners of Customer Number 27045* for a list of patent applications/patents (1 page);
2. Spreadsheet containing a list of patent applications/patents on which this application number is listed (2 pages).

Sincerely,

By: 

John C. Hart, Reg. No. 41,403  
Practitioner under Customer Number 27045

**OFFICIAL**

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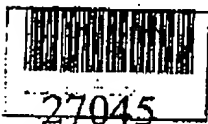
attorneys and counselors • [www.gardere.com](http://www.gardere.com)

May 28, 2003

Commissioner for Patents  
Washington, D.C. 20231

Dear Commissioner:

I hereby appoint the practitioners associated with Customer No 27045 with Associate Power of Attorney to prosecute the list of applications attached hereto in both hard copy, and diskette form (labeled Associate Power of Attorney (05-29-03):



PATENT TRADEMARK OFFICE

Address:

6300 Legacy Drive  
M/S EVW2-C-2  
Plano, Texas 75024

Sincerely,

GARDERE WYNNE SEWELL, L.L.P.

By:

Printed Name: Kenneth R. Glaser

Registration No.: 24015

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3900 Thanksgiving Tower, 1601 Elm Street, Dallas, Texas 75201-4761 • 214.999.3000 Phone • 214.999.4667 Fax  
Austin • Dallas • Houston • Mexico City • Washington, DC

	A	B	C	D	E	F	G
1		27045					
2							
3		Ericsson Inc.					
4		Patent Legal Department					
5		6300 Legacy Drive					
6		M/S EVW 2-C-2					
7		Plano, Texas 75024					
8		USA					
9							
10							
11							
12							
13							
14							
15							
16		09/469912		12/22/1999	YES	YES	YES
17		09/474705		12/29/1999	YES	YES	YES
18		09/468584		12/21/1999	YES	YES	YES
19		09/472529		12/27/1999	YES	YES	YES
20		09/480394		1/11/2000	YES	YES	YES
21		09/468677		12/21/1999	YES	YES	YES
22		60/178683		1/28/2000	YES	YES	YES
23	6459600	09/772098	10/1/2002	1/27/2001	YES	YES	YES
24		09/620297		7/20/2000	YES	YES	YES
25		10/318742		12/13/2002	YES	YES	YES
26		10/244360		9/16/2002	YES	YES	YES
27		09/611678		7/7/2000	YES	YES	YES
28		09/512095		2/24/2000	YES	YES	YES
29		09/619950		7/20/2000	YES	YES	YES
30		09/448039		11/23/1999	YES	YES	YES
31		09/469913		12/22/1999	YES	YES	YES
32	6505051	09/464094	1/7/2003	12/16/1999	YES	YES	YES
33		09/461624		12/15/1999	YES	YES	YES
34		09/465245		12/19/1999	YES	YES	YES
35		09/474919		12/29/1999	YES	YES	YES
36		09/442228		11/17/1999	YES	YES	YES
37	6298247	09/478480	10/2/2001	12/30/1999	YES	YES	YES
38		09/484324		1/18/2000	YES	YES	YES
39		09/447143		11/23/1999	YES	YES	YES
40		09/609517		7/3/2000	YES	YES	YES
41		09/469024		12/21/1999	YES	YES	YES
42		09/558967		4/25/2000	YES	YES	YES
43		09/473906		12/28/1999	YES	YES	YES
44		09/548321		4/13/2000	YES	YES	YES
45		09/522959		3/10/2000	YES	YES	YES
46		09/643224		8/18/2000	YES	YES	YES
47		09/643225		8/18/2000	YES	YES	YES
48		09/642571		8/20/2000	YES	YES	YES
49		09/718205		11/21/2000	YES	YES	YES
50		09/620048		7/20/2000	YES	YES	YES
51		09/619951		7/20/2000	YES	YES	YES

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52		09/619982		7/20/2000	YES	YES	YES
53		09/619779		7/20/2000	YES	YES	YES
54		09/619922		7/20/2000	YES	YES	YES
55		09/620291		7/20/2000	YES	YES	YES
56		09/620434		7/20/2000	YES	YES	YES
57		09/619822		7/20/2000	YES	YES	YES
58		09/625340		7/25/2000	YES	YES	YES
59		60/258924		12/29/2000	YES	YES	YES
60		09/885804		6/20/2001	YES	YES	YES
61		09/751094		12/29/2000	YES	YES	YES
62		60/258951		12/29/2000	YES	YES	YES
63	6490183	09/940971	12/3/2002	8/28/2001	YES	YES	YES
64		09/751971		12/29/2000	YES	YES	YES
65		09/838489		4/19/2001	YES	YES	YES
66		09/962707		9/24/2001	YES	YES	YES
67		10/296859		5/22/2001	YES	YES	YES
68		09/838397		4/19/2001	YES	YES	YES
69		09/972270		10/5/2001	YES	YES	YES
70		10/037729		11/9/2001	YES	YES	YES
71		09/905391		7/13/2001	YES	YES	YES
72		10/045205		11/9/2001	YES	YES	YES
73		09/989628		11/20/2001	YES	YES	YES
74		10/237461		9/9/2002	YES	YES	YES
75		60/345954		12/31/2001	YES	YES	YES
76		10/278824		10/23/2002	YES	YES	YES
77		60/345959		12/31/2001	YES	YES	YES
78		10/141736		5/9/2002	YES	YES	YES
79		09/932198		8/17/2001	YES	YES	YES
80		10/095751		3/11/2002	YES	YES	YES
81		10/094687		3/11/2002	YES	YES	YES
82		10/095321		3/11/2002	YES	YES	YES
83		10/060136		1/30/2002	YES	YES	YES
84		09/484707		1/18/2000	YES	YES	YES
85		09/465070		12/16/1999	YES	YES	YES
86		60/345956		12/31/2001	YES	YES	YES
87		10/319299		12/13/2002	YES	YES	YES
88		10/418851		4/18/2003	YES	YES	YES
89		60/315034		8/28/2001	YES	YES	YES
90		10/229854		8/28/2002	YES	YES	YES